

Warm Up # 8- 5

1. Tell me which:

You signed up for the IB test in May.

You intend to sign up for the IB test in May 2019.

You don't intend to take the IB test ever.

2. p. 273, # 6) Use proper notation

Let H = hits the bullseye

Let M = misses the bullseye

Week 8 Classwork:

Warm up

Yellow WS Venn Diagrams

p. 228 # 5 - 7

vocab and p. 260 # 2 & 3

HW Questions:

p. 273, #5) let J = Jiri hits the target
 given • B = Benita hits the target

$$P(J) = 0.7 \quad a) P(J \cap B) = (0.7)(0.8)$$

$$P(B) = 0.8 \quad \text{"and"} \quad = \boxed{0.56}$$

$$b) P(J' \cap B') = (0.3)(0.2)$$

$$= \boxed{0.06}$$

$$c) P(J \cap B') = (0.7)(0.2)$$

$$= \boxed{0.14}$$

$$d) P(B \cap J') = (0.8)(0.3)$$

$$= \boxed{0.24}$$

p. 275, #4) let C = Captain is chosen
 V = Vice - Capt chosen
 O = Other is chosen

$$a) P(C' C' C') = \frac{\cancel{6}}{7} \cdot \frac{\cancel{5}}{\cancel{6}} \cdot \frac{\cancel{4}}{\cancel{5}}$$

$$= \frac{4}{7}$$

$$b) P(O O O) = \frac{\cancel{5}}{7} \cdot \frac{\cancel{4}^2}{\cancel{6}} \cdot \frac{\cancel{3}}{\cancel{5}}$$

$$= \frac{2}{7}$$

Join at Turnitin.com

Class ID: 16652767

Key: Nicholson

Your submission file name:

Your full name - Math IA

Due Monday:

Draft #1 - Introduction and Definitions

If you are collecting Primary data using a survey: You must submit your survey draft to be approved before you distribute it.

Next test: Friday, Nov. 3

Sets, Venn Diagrams and Probability